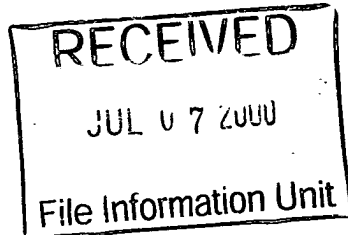


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In re Application of

Application Number

08/373,857

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11/18/95

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US005932214A

**United States Patent** [19]**Lobb et al.**[11] **Patent Number:** **5,932,214**[45] **Date of Patent:** **Aug. 3, 1999****[54] TREATMENT FOR INFLAMMATORY BOWEL DISEASE WITH VLA-4 BLOCKERS****[75] Inventors:** Roy E. Lobb, Westwood; Linda C. Burkly, West Newton, both of Mass.**[73] Assignee:** Biogen, Inc., Cambridge, Mass.**[21] Appl. No.:** 08/950,660**[22] Filed:** Oct. 15, 1997**Related U.S. Application Data**

[62] continuation of application No. 08/456,124, May 31, 1995., abandoned, which is a continuation-in-part of application No. 08/373,857, Jan. 18, 1995., abandoned, which is a continuation-in-part of application No. 08/284,603, Aug. 11, 1994., abandoned, which is a continuation-in-part of application No. 07/835,139, filed as application No. PCT/US93/00924, Feb. 2, 1993., abandoned

**[51] Int. Cl.<sup>6</sup>** ..... A61K 39/395; A61K 38/17

**[52] U.S. Cl.** ..... 424/144.1; 424/130.1; 424/133.1; 424/134.1; 424/136.1; 424/141.1; 424/143.4; 424/153.1; 424/154.1; 514/2; 514/8; 514/885; 530/350; 530/387.1; 530/387.3; 530/388.1; 530/388.2; 530/388.22; 530/388.7; 530/388.73; 530/388.75

**[58] Field of Search** ..... 424/130.1, 133.1, 424/141.1, 153.1; 514/2, 8; 530/350, 388.1, 388.7

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**Primary Examiner**—Christina Y. Chan**Assistant Examiner**—Phillip Gambel**Attorney, Agent, or Firm**—Fish & Richardson P.C.**[57] ABSTRACT**

A method for the treatment of inflammatory bowel disease (IBD) is disclosed. The method comprises administration of an antibody, polypeptide or other molecule recognizing VLA-4, a surface molecule expressed on most types of white blood cells and involved in leukocyte adhesion to endothelium and other tissue in the gut.